

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of

Inventors: **Scott T. Broadley, Herbert P. Silverman, Steven R. Ragsdale, Ta-Yung Chen**

For: **REFERENCE ELECTRODE HAVING A FLOWING LIQUID JUNCTION AND FILTER MEMBERS**

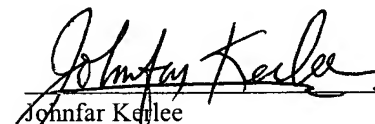
Enclosed are:

- (X) 24 sheets of drawing.
- (X) Return prepaid postcard.

The present application qualifies for small entity status under 37 C.F.R. § 1.27. The fees are calculated below:

CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$375	\$375
Total Claims	73 - 20 =	53 ×	\$9	\$477
Independent Claims	7 - 3 =	4 ×	\$42	\$168
If application contains any multiple dependent claims(s), then add			\$140	\$140
			TOTAL FILING FEE	\$1,160

- (X) A check in the amount of \$1,160 to cover the filing fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.
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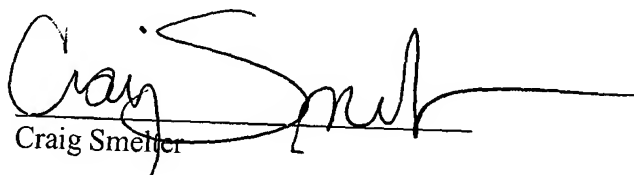
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : BROADRE.023CP2
Applicants : Broadley, et al.
For : REFERENCE ELECTRODE HAVING A
FLOWING LIQUID JUNCTION AND FILTER
MEMBERS
Attorney : Johnfar Kerlee
"Express Mail"
Mailing Label No. : EV 323832742 US
Date of Deposit : July 2, 2003

I hereby certify that the accompanying

Transmittal letter; specification in 75 pages; 24 sheets of drawings; Check for
Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to
Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the
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Craig Smelter

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